

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

7P
spel.
12

LIBRARY
THE OFFICIAL RECORD

JUL 8 1957

U. S. DEPARTMENT OF AGRICULTURE

THE PLANT DISEASE REPORTER

Issued By

PLANT DISEASE EPIDEMICS
and
IDENTIFICATION SECTION

AGRICULTURAL RESEARCH SERVICE
UNITED STATES DEPARTMENT OF AGRICULTURE

HOST INDEX OF VERTICILLIUM ALBO-ATRUM REINKE & BERTH.
(INCLUDING VERTICILLIUM DAHLIAE KLEB.)

Supplement 244

June 15, 1957



The Plant Disease Reporter is issued as a service to plant pathologists throughout the United States. It contains reports, summaries, observations, and comments submitted voluntarily by qualified observers. These reports often are in the form of suggestions, queries, and opinions, frequently purely tentative, offered for consideration or discussion rather than as matters of established fact. In accepting and publishing this material the Plant Disease Epidemics and Identification Section serves merely as an informational clearing house. It does not assume responsibility for the subject matter.

THE PLANT DISEASE REPORTER

PLANT DISEASE EPIDEMICS AND IDENTIFICATION SECTION

Crops Research Division

Plant Industry Station, Beltsville, Maryland

HOST INDEX OF VERTICILLIUM ALBO-ATRUM REINKE & BERTH. (INCLUDING
VERTICILLIUM DAHLIAE KLEB.)

Arthur W. Engelhard¹

Plant Disease Reporter
Supplement 244

June 15, 1957

INTRODUCTION

This is an index of plants reported to be hosts of Verticillium albo-atrum Reinke & Berth. Plants reported as hosts of V. dahliae Kleb. are also included, as some mycologists and pathologists consider this pathogen identical with V. albo-atrum. The Index was prepared as a convenience and guide for persons wanting a quick and handy reference to reported hosts of V. albo-atrum. It should not be considered as a final reference or source when determining if a plant in question is a recorded host of V. albo-atrum. The final source of information should be the original publication in which the plant was cited.

An attempt was made to include: 1) all plants reported as hosts in the United States, and 2) all plants reported in some other country but not for the United States. Reports of plants susceptible to Verticillium sp. or spp., Verticillium disease, Verticillium hadromycosis, etc., are not included. It should also be borne in mind that, owing to the nature of this pathogen, plants are reported as being hosts after successful isolation of V. albo-atrum from them. Many of the citations listed herein are of this type.

This Host Index is divided into four parts as follows:

Section A -- Woody Plants

Part 1	Trees
Part 2	Shrubs, bushes, small fruits, lianas

Section B -- Herbaceous Plants

Part 3	Field crops, vegetables, small fruits
Part 4	Ornamentals, "flowers", weeds

As some plants may be listed in more than one part, it is suggested that all possible places where a plant in question may be listed be checked. This is true where certain shrubs may also be small trees. The genus Aralia, for example, includes species that are trees, shrubs, and herbaceous plants.

The scientific names of the hosts are usually listed as presented by the original author. When no scientific name was given by the author, and one was needed for alphabetizing purposes, the generic name is usually added in parentheses, for example (Ribes ____). Where several scientific names are extant in the literature, the preferred names given in the eighth edition of "Gray's Manual of Botany" by Fernald and/or "Manual of Cultivated Plants" by Bailey are used.

Common names are usually listed only when the author of the original citation gave one.

Literature citations listed under the "Reference" column were abbreviated so they would fit the page more easily. Below are examples of abbreviations used followed by the full name of the publication.

B.A.	Biological Abstracts
P.D.R.	Plant Disease Reporter
P.D.R. Suppl.	Plant Disease Reporter Supplement
R.A.M.	Review of Applied Mycology
Rud.	Rudolph, B.A. (See page 24 for complete citation and comment)

¹ Illinois Natural History Survey, Section of Applied Botany and Plant Pathology, Urbana, Illinois.

Weiss

Refers to the five volumes of the "Index of Plant Diseases in the United States" by Freeman Weiss and Associates (see page 24 for complete citation)

Weiss P. D. R. Index. See Weiss above.

The "Remarks" columns in the tables were used to include extra items of information that were considered important enough to mention. Some of the items listed in the "Remarks" column are explained below.

V. dah. All plants in this Index are hosts of V. albo-atrum unless otherwise indicated. V. dah. indicates that the plant was reported as a host of V. dahliae. V. a-a or V. dah. indicates that no distinction was made between the two fungi by the author and the original publication should be consulted for more definite information.

1st report etc. When the original author indicated that a particular plant was not previously reported to be a host in a certain State, the United States, or the world, such a statement was included under the "Remarks" column. First report, as stated by an author, apparently indicates the first world report.

The literature surveyed in the preparation of this Host Index is listed below:

1. Biological Abstracts: Vol. 1, 1927 through Vol. 27, 1953.
2. Illinois State Academy of Science Proceedings: Vol. 1, 1908 through Vol. 47, 1955.
3. Phytopathology: Only a few issues.
4. Plant Disease Reporter: Vol. 1(1), 1917 through Vol. 39(12), 1955.
5. Plant Disease Reporter Supplements: No. 1, 1918 through No. 235, 1955.
6. Review of Applied Mycology: Vol. 1, 1922 through Vol. 32, 1953.
7. Rudolph, B. A.: 1931. *Verticillium hadromycosis*. *Hilgardia* 5(9): 197-353.
(This is an excellent review of *Verticillium hadromycosis* and should be consulted for comments on older contributions in the field).
8. Weiss, Freeman: 1940-1942. Revised Checklist of Diseases of Economic Plants of the United States. *Plant Disease Reporter* 24(7), 1940 through Vol. 26(23), 1942. (This checklist includes only woody plants and was issued in sections in the above indicated volumes. All of the information in this checklist was apparently included in the 1950-1953 checklist by Weiss and Associates -- see No. 9)
9. Weiss, Freeman: 1950-1953. Index of Plant Diseases in the United States. U. S. Dept. Agr. *Plant Disease Survey Special Publication* 1 (Muriel J. O'Brien is co-author of Parts IV & V).
- 1950: Part I. Acanthaceae - Compositae
- 1950: Part II. Convolvulaceae - Gnetaceae
- 1950: Part III. Gramineae
- 1952: Part IV. Guttiferae - Phytolaccaceae
- 1953: Part V. Pinaceae - Zygophyllaceae
10. United States Department of Agriculture. 1953. *Plant Diseases. Yearbook of Agriculture* 1953.

HOSTS OF VERTICILLIUM ALBO-ATRUM REINKE & BERTH. (INCLUDING V. DAHLIAE KLEB.)

A — WOODY PLANTS — Part 1. TREES					
Scientific Name	Common Name	Location	Reference	Remarks	
<u>Acer macrophyllum</u> Pursh.	bigleaf maple	Cal., Oregon, Wash.	Weiss I: 19. 1950		
<u>Acer mono</u>	painted maple	Tenn.	P.D.R. 39(11): 882. '55		
<u>Acer negundo</u> L.	boxelder	N.E. and north-central states to Va., Tenn., and Ill.	Weiss I: 12. 1950		
<u>Acer negundo</u> var. <u>californicum</u> (Torr. & Gray) Sarg.	California boxelder		Weiss I: 20. 1950		
<u>Acer nigrum</u> Michx. f.	black maple	III.	P.D.R. 22(12): 253-4. '38		
<u>Acer palmatum</u> Thunb.	Japanese maple		Weiss I: 20. 1950		
<u>Acer palmatum</u> Schweren var. <u>rubrum</u>	Japanese red maple		Rud. 308. 1931		
<u>Acer platanoides</u> L.	Norway maple	III.	P.D.R. 22(12): 253-4. '38		
<u>Acer platanoides</u> L.	Norway maple	General - U.S.	Weiss I: 21. 1950		
<u>Acer platanoides</u> schwedleri Koch	Schwedler's maple	III.	P.D.R. 22(12): 253-4. '38		
<u>Acer pseudoplatanus</u> L.	sycamore maple	Conn., Mo., Va.	P.D.R. 24(10): 198. 1940		
<u>Acer pseudoplatanus</u> L.	sycamore maple		Weiss I: 20. 1950		
<u>Acer rubrum</u> L.	red maple	III.	P.D.R. 22(12): 253-4. '38		
				V.*-a-a or —dah.	

A -- WOODY PLANTS - Part 1. (Continued)

Scientific Name	Common Name	Location	Reference	Remarks
<u><i>Acer rubrum</i> L.</u> Incl. <u><i>A. r. drummondii</i></u> (Hook. & Arn.) Sarg.	red maple		Weiss I: 12. 1950	See ref.
<u><i>A. r. trilobum</i></u> (K. Koch)	Drummond maple			
<u><i>Acer saccharinum</i> L.</u>	silver maple	III.	Weiss I: 12. 1950	
<u><i>Acer saccharum</i> Marsh.</u>	hard maple	III.	P. D. R. 22(12):253-4. t38	1st Ill. case 1926.
<u><i>Acer saccharum</i> Marsh.</u>	sugar maple		Weiss I: 12. 1950	
<u><i>Aesculus hippocastanum</i></u>	horse chestnut	Germany	R. A. M. 9:6. 1930	Apparently 1st report
<u><i>Ailanthus altissima</i> (Mill.)</u> Swingle	horse chestnut ailanthus, Tree-of-heaven	N. Y., Pa., Va.	R. A. M. 12: 117. 1933	
<u><i>Ailanthus glandulosa</i></u>		France	Weiss 5: 1092. 1953 Biol. Abst. 7:20513. 1933	V. da h.
<u><i>Ailanthus glandulosa</i></u>		Italy	Biol. Abst. 11(3): 5478. 1937	
<u><i>Catalpa bignonioides</i> Walt.</u>	southern catalpa	III., N. J., N. Y.	Weiss I: 91. 1950	
<u><i>Catalpa speciosa</i> Warden</u>	western catalpa	III.	P. D. R. 22(12): 253-4 1938	Carter 1st report
<u><i>Catalpa speciosa</i> Warden</u>	northern catalpa	III., N. J., N. Y.	Weiss I: 91. 1950	
<u><i>Ceratonia siliqua</i> L.</u>	carob, St. John's bread	Cal.	Weiss IV. 594. 1952	

Scientific Name	Common Name	Location	Reference	Remarks
<u><i>Cercis canadensis</i> L.</u>	redbud	III.	P.D.R. 29(3):95-96. 1945	Carter
<u><i>Cercis siliquastrum</i></u>		Italy	Biol. Abst. 11(3): 5478. 1937	Isolates considered identical with <u><i>V. a-a.</i></u>
<u><i>Cinnamomum camphora</i></u> Nees & Eberm.	camphor tree	Calif.	P.D.R. 39:693. 1955	1st report
<u><i>Cladraspis lutea</i> Koch</u>	yellow wood	III.	P.D.R. 24(6):133-4. 1940	1st report in III.
<u><i>Cydonia</i> _____)</u>	Quince	France	B.A. 15:1278. 1941	<u><i>V. dahiae</i></u>
	Quince	England	Ann. Rpt. E. Malling Res. Sta. 1936: 189. 1936	
	Quince seedlings	Belgium	R. A. M. 19:157. 1940	<u><i>V. dahiae</i></u> (on seedlings imported from Holland and France)
<u><i>Diospyros kaki</i> L. f.</u>	Japanese persimmon	Texas	P.D.R. Sup. 135:41. 1942	
<u><i>Diospyros texana</i> Scheele</u>	Texas persimmon	Texas	Weiss II. 301. 1950	
<u>(<i>Fagus</i> _____)</u>	beech	Germany	R.A.M. 9: 6. 1930	
<u><i>Fraxinus pennsylvanica</i></u> <u><i>lanceolata</i></u>	green ash	Colorado	P.D.R. 34:83. 1950	1st report
	ash	Baarn, Holland	R.A.M. 12:665. 1933	
	ash	Holland	R.A.M. 31:478. 1952	<u><i>V. dahiae</i></u>

A -- WOODY PLANTS - Part 1. (Continued)

Scientific Name	Common Name	Location	Reference	Remarks
<u>(Juglans regia L.)</u>	English walnut	France	B. A. 4:327. 1930	V. <u>dahlie</u>
<u>Koelreuteria paniculata</u>	goldenrain-tree	Italy	B. A. 11(3):5478. 1937	Isolates con- sidered identical with V. <u>a-a.</u>
<u>Liriodendron tulipifera</u>	tulip tree	France	B. A. 5:22793. 1931	V. <u>dahlie</u>
<u>Macula aurantiaca L.</u>		Italy	B. A. 11(1):258. 1937	Apparently 1st report
<u>Musa sapientum L.</u>	banana	Brazil	Rud. 304. 1931	Vert (?) see ref.
<u>Musa</u> _____	banana	West Indies	R. A. M. 12:39. 1933	
	banana	Cal.	R. A. M. 9:6. 1930	
<u>Olea europaea L.</u>	olive	Cal.	P. D. R. 34:26-7. 1950	1st U.S. Report
	olive	Italy	R. A. M. 27:317. 1948	
<u>Persea americana Mill.</u>	avocado	Cal.	Weiss IV: 576. 1952	
<u>Pistacia vera L.</u>	pistachio	Cal.	P. D. R. 34(1):26-7. 1950	1st world report
<u>Populus tremula</u>	aspen	Germany (East Prussia)	R. A. M. 13:338. 1934	
	almond	Cal., Ill.	Weiss V: 964. 1953	
<u>Prunus amygdalus</u> <u>Batsch</u>	almond	Ill.	P. D. R. 22(12):253-4 1938	
<u>Prunus communis</u> <u>Fritsch</u>	almond	Rhone Valley (Germany)	R. A. M. 12:76. 1933	V. <u>dahlie</u>

A -- WOODY PLANTS - Part 1. (Continued)

Scientific Name	Common Name	Location	Reference	Remarks
<u>Prunus armeniaca</u> L.	apricot	Wash. Hungary	P. D. R. 33:99. 1939 R. A. M. 27:139. 1948	1st Wash. report
<u>Prunus armeniaca</u> L.	apricot	Cal., Utah, Wash.	Weiss V: 957. 1953	
<u>Prunus avium</u> L.	sweet cherry	Cal.	P. D. R. 38(7):438. 1954	
	sweet cherry	British Columbia	P. D. R. 38(2): 74. 1954	V. <u>dah.</u>
	Cultivated cherry 5 varieties	Holland	R. A. M. 4:495. 1925	V. a-a, or V. <u>dah.</u>
<u>Prunus cerasifera</u>	Myrobalan, cherry-plum	Hungary	R. A. M. 27:139. 1948	
	sour cherries		Rud. 302. 1931	
<u>Prunus cerasus</u> acid. Ehrh.		Holland	R. A. M. 4:495. 1925	V. a-a, or V. <u>dah.</u>
<u>Prunus cerasus austera</u>		Cal.	Weiss V: 960. 1953	
<u>Prunus domestica</u> L.	garden plum, -prune	Italy England Holland	B. A. 11(3):4478. 1937 R. A. M. 24: 153. 1945 P. D. R. 38(7):438. 1954	V. <u>dah.</u> or V. a-a
	Burbank plum			
	Victoria plum			
<u>Prunus mahaleb</u>	Mahaleb cherry	Cal.	R. A. M. 4:495. 1925	V. <u>dah.</u> or V. a-a
<u>Prunus mahaleb</u> L.				
<u>Prunus mume</u> Sieb & Zucc.	Ja,inese apricot	Cal., Utah, Wash.	Weiss V: 957. 1953	
<u>Prunus persica</u> (L.) Batsch	peach	N. East States, Cal., Ore.	Weiss V: 967. 1953	
	peach	N. J.	P. D. R. Sup. 28:344. 1923	

A -- WOODY PLANTS - Part 1. (Continued)

Scientific Name	Common Name	Location	Reference	Remarks
<u>Prunus spp.</u>	peach, South Haven variety	New York	P. D. R. 16(12): 132-133. 1932	
<u>(Pyrus ____)</u>	plum, prune	See ref.	Rud. 303. 1931	
<u>(Pyrus ____)</u>	pear	Holland	R. A. M. 31:477. 1952	<u>V. dahliae</u>
<u>Quercus sp.</u>	apple	Bulgaria	R. A. M. 11:745. 1932	
		France	Biol. Abst. 5:22793. 1931	<u>V. dahliae</u>
<u>Robinia pseudo-acacia</u> L.	black locust	III.	P. D. R. 22(12):253-4. 1938	1st U. S. Rpt.
<u>Robinia pseudo-acacia</u>		Baarn, Holland	R. A. M. 12:665. 1933	
<u>Robinia pseudo-acacia</u>		Italy	B. A. 11(3):5478. 1937	
<u>Schinus terebinthifolia</u> Raddi	Brazil pepper-tree	Cal.	Weiss 42. 1950	
<u>Sophora japonica</u>	Japanese pagoda tree	Italy	R. A. M. 15:474. 1936	<u>V. a-a</u> x <u>V. dahliae</u> all other spp.
<u>Sophora japonica</u>	Italy		B. A. 11(3):5478. 1937	Isolates considered identical with <u>V. a-a</u>
<u>Theobroma cacao</u> L.	cacao	III.	Rud. 304:1931	See ref.
<u>Tilia americana</u> L.	American linden	III.	Weiss V:1141. 1953	
<u>Tilia glabra</u> Vent.	American linden	III.	P. D. R. 24(6):133-4. 1940	1st report in III.
<u>Tilia cordata</u>	lime	Germany	R. A. M. 9:6. 1930	1st report
<u>Tilia euchlora</u>	lime	Germany	R. A. M. 9:6. 1930	1st report

Scientific Name	Common Name	Location	Reference	Remarks
<u>Tilia parvifolia</u>	lime	Germany	R. A. M. 12:117. 1933	
<u>Ulmus americana</u> L.	American elm	III.	P. D. R. 22:253-4. 1938	
<u>Ulmus americana</u> L.	Littleford elm	III.	P. D. R. 24:133-4. 1940	
<u>Ulmus americana</u> L.	Moline elm	III.	P. D. R. 24:133-4. 1940	
<u>Ulmus montana</u>	elm	Germany	R. A. M. 12:117. 1943	
<u>Ulmus procera</u> Salisb.	English elm	Conn., Mass., N. J., N. Y.	Weiss V: 1154. 1953	Several other European elms incl. -see ref.
<u>Ulmus campestris</u>	Italy		B. A. 11(3):5478. 1937	Isolates considered identical with V. a-a.
<u>Ulmus rubra</u> Muhl.	slippery elm	Pa., Wis.	Weiss V: 1153. 1953	
<u>Ulmus</u> spp.	elm		Rud. 306. 1931.	See ref.

A -- WOODY PLANTS -- Part 2. SHRUBS, BUSHES, SMALL FRUITS, LIANAS

Scientific Name	Common Name	Location	Reference	Remarks
<u>Abroma</u>		Uganda	R. A. M. 18: 575. 1939	<u>Y. dahlie</u>
<u>Ampelopsis</u>		Holland	R. A. M. 31:478. 1952	<u>Y. dahlie</u>
<u>Aucuba japonica</u> Thunb.	Aucuba	N. J.	Weiss II:226. 1950	
<u>Berberis thunbergii</u>	Japanese barberry	Mass.	P. D. R. 14(19): 201. 1930	
<u>Berberis thunbergii</u> DC.	Japanese barberry	Ill., Mich. Conn. to Va.	Weiss I: 70. 1950	
<u>Berberis thunbergii</u>	Japanese barberry	N. J.	P. D. R. 20(4):80. 1936.	<u>Y. dahlie</u>
<u>Berberis vulgaris</u> L.	European barberry	Conn.	Weiss I: 70. 1950	
<u>Campsis radicans</u> (L.) Seem.	trumpet vine	Ill.	P. D. R. 29(3): 95-6. 1945	
<u>Capsicum frutescens</u> L.	red pepper, sweet pepper	Cal., Colo., Conn., N. Y., Tex.	Weiss V: 1096. 1953	
<u>Capsicum annuum</u> var. <u>Anaheim Chili</u>	pepper	Cal.	P. D. R. 21(22): 404. 1937	
<u>Capsicum annuum</u> var. <u>Mexican Chili</u>	pepper	Cal.	P. D. R. 21(22): 404. 1937	
<u>Cistus purpureus</u> Lam.	rock-rose	Cal.	P. D. R. 39:693 1955	1st world report
<u>Clematis</u> sp.		Belgium	R. A. M. 19:134 1946	

Scientific Name	Common Name	Location	Reference	Remarks
<i>Coffea arabica</i> L.	Coffee	Brazil	Rud. 305. 1931	See ref.
(<i>Coffea</i>)	Coffee		R. A. M. 5:422. 1926	
<i>Erica australis</i> Hort.	Heather	Cal.	P. D. R. 34(1):26-7. 1950	1st world report
<i>Erica persolata</i> L.	Heather	Cal.	P. D. R. 34(1):26-7. 1950	1st world report
<i>Fremontia californica</i> Torr.		Cal.	P. D. R. 24(20):424-5. 1940	1st lit. report
<i>Fremontia</i> spp.		Cal.	P. D. R. 24(20):424-5. 1940	
<i>Fuchsia hybrida</i> Voss		Cal.	P. D. R. 24(20):424-5. 1940	1st lit. report
<i>Fuchsia</i> spp.	Fuchsia	Cal.	Weiss IV: 783. 1952	
<i>Ligustrum amurense</i> Carr.	Amur privet	III.	P. D. R. 29(3):95-6. 1945	
<i>Parthenium argentatum</i> A. Gray	Guayule	Cal.	P. D. R. 29(6):180. 1945	
<i>Parthenium argentatum</i> A. Gray	Guayule		P. D. R. 27(2):63-66. 1943	
(<i>Photinia</i>)	Photinia	Holland	R. A. M. 31:478. 1952	
<i>Pittosporum tobira</i> Ait.	Japanese pittosporum	Cal.	Rud. 327. 1931	<u><i>V. dahlie</i></u>
<i>Pittosporum</i> spp.	Pittosporum	Cal.	Weiss V:861. 1953	
<i>Prunus laurocerasus</i> L.	English cherry* laurel	Cal.	Weiss V:976. 1953	
<i>Prunus lusitanica</i> L.	Portugal-laurel	Cal.	Weiss V:976. 1953	
<i>Raphiolepis indica</i> Lindl.	India hawthorn	Cal.	P. D. R. 39:693. 1955	1st report
<i>Raphiolepis umbellata</i>	Yeddo hawthorn	Cal.	P. D. R. 39:693. 1955	1st report
var. <i>integerima</i> Rehd.				

A -- WOODY PLANTS - Part 2. (Continued)

Scientific Name	Common Name	Location	Reference	Remarks
<u>(Rhododendron)</u>	azalea	Mass.	P. D. R. & Suppl. 96:263. 1936	
<u>Rhus aromatic a</u> Ait.	fragrant sumac	Mass.	Weiss I:39. 1950	
<u>Rhus canadensis</u> Marsh	fragrant sumac	? Europe see ref.	Rud. 310. 1931	
<u>Rhus canadensis</u> Marsh. var. <u>trilobata</u> (Nutt.) Gray	ill-scented sumac	Iowa	Rud. 310. 1931	
<u>Rhus cotinus</u>		Holland	P. A. M. 4:288. 1925	
<u>Rhus cotinus</u> L.	smoke tree	Europe see ref.	Rud. 310. 1931	
<u>Cotinus coggyria</u> Scop	smoke tree	Va.	P. D. R. 21(1):10. 1937	1st U. S. report; present in Europe
<u>Cotinus coggyria</u> Scop.	common smoke-tree	Conn., Ill., Nebr., N. J. N. Y.	Weiss I: 35. 1950	
<u>Rhus glabra</u>	smooth sumac	Holland	P. A. M. 4:288. 1925	
<u>Rhus glabra</u> L.	smooth sumac	Europe see ref.	Rud. 310. 1931	
<u>Rhus glabra</u> L.	smooth sumac	Ill.	P. D. R. 22(12):253-4. 1938	
<u>Rhus trilobata</u> Nutt.	skunkbush sumac	Iowa	Weiss I: 39. 1950	
<u>Rhus typhina</u>	staghorn sumac	Holland	P. A. M. 4:288. 1925	
<u>Rhus typhina</u>	staghorn sumac	Iowa	Weiss I: 39. 1950	
<u>Rhus typhina</u>		Wis.	P. A. M. 12:470. 1933	V. <u>dahiae</u>
<u>Ribes sanguineum</u> var. <u>lombartii</u>		Holland	P. A. M. 4:495. 1925	V. <u>a-a</u> or V. <u>dah-</u>

Scientific Name	Common Name	Location	Reference	Remarks
<u><i>Ribes sanguineum</i> Pursh.</u> var. <u><i>Lombartii</i></u>	Lombart's flowering currant	Probably Holland see ref.	Rud. 330. 1931	<u>V.</u> <u>dah.</u>
<u><i>Ribes</i> _____</u>		Holland	R. A. M. 9:546. 1930	
<u>(<i>Ribes</i> _____)</u>	currants	New South Wales	R. A. M. 29:497. 1950	
	black currants	Holland	R. A. M. 4:495. 1925	<u>V.</u> <u>a-</u> <u>aa</u> , or <u>V.</u> <u>dah.</u>
	gooseberry	New Zealand	R. A. M. 30:362. 1951	
	gooseberries	Holland	R. A. M. 4:495. 1925	<u>V.</u> <u>a-</u> <u>aa</u> or <u>V.</u> <u>dah.</u>
<u><i>Rosa</i> spp.</u>	cultivated rose	Cal., Ill., N. J.	Weiss V: 992. 1953	
	rose	N. Y.	R. A. M. 31:65. 1952	
		Cal.	P. D. R. 34(1):26. 7. 1950	1st Cal. report
<u><i>Rubus allegheniensis</i> Porter</u>	Grandall blackberry			
<u><i>Rubus</i> spp.</u>	blackberries	Cal., Minn. N. Y., Wash. N. Y.	Weiss V: 997. 1953	
<u><i>Rubus idaeus</i></u>	red raspberry		P. D. R. Suppl. 147. 150-151. 1944	
	red raspberry	N. Y.	P. D. R. 37(2): 117. 1953	
	black raspberry		P. D. R. Suppl. 147. 150-151. 1944	
<u><i>Rubus occidentalis</i></u>	black raspberry	Mass. to N. Y. and Ohio; Ore., Wash.	Weiss V: 1006. 1953	
	purple raspberry	N. Y.	P. D. R. Suppl. 128. 321-322. 1940	
<u><i>Rubus rosaefolius</i> var. <u><i>loganobaccus</i> Bailey</u></u>	Boysenberry	Wash.	P. D. R. Suppl. 119. 191 1939	
<u><i>Rubus</i> spp.</u>	dewberries, eastern type	Cal.	Weiss V: 1001. 1953	

A -- WOODY PLANTS - Part 2. (Concluded)

Scientific Name	Common Name	Location	Reference	Remarks
<u><i>Rubus</i> spp.</u>	dewberries ^{western} type	Cal., N. Y., Ore.	Weiss V: 1002, 1953	
	Youngberry (hybrid dewberry)	Cal.	P. D. R. Suppl. 128, 322, 1940	
<u><i>Rubus ursinus</i></u>	Pacific coast trailing blackberry	Cal.	R. A. M. 30:332, 1951	
<u><i>Rubus</i> spp.</u>	dewberries, black- berries, youngberries		Rud. 313-4, 1931	See ref.
<u><i>Sambucus racemosa</i></u>	Holland	R. A. M. 4:495, 1925	V. a-a or V. dah	
<u><i>Sambucus</i> spp.</u>	elder	Md.	Weiss I: 117, 1950	See ref.
<u><i>Sechium edule</i> Schwartz</u>	chayote	Brazil	Rud. 289, 1931	V. a-a ? see ref.
<u>(<i>Spiraea</i> <u>_____</u>)</u>	Spiraea	Germany	R. A. M. 16:286, 1937	V. a-a
<u><i>Syringa vulgaris</i></u>	lilac	Holland	R. A. M. 4:495, 1925	V. a-a, V. dah
<u><i>Viburnum lantana</i> L.</u>	wayfaring-tree	Ill.	P. D. R. 1938, 22(12): 253-4	1st report
<u><i>Viburnum lantana</i> L.</u>	Ind.	P. D. R. 25(9):274, 1941		
<u><i>Viburnum lentago</i> L.</u>	nannyberry	Ore., Wash.	Weiss I: 121, 1950	
<u><i>Viburnum tinus</i> L.</u>	laurestinus	Ore.	Weiss I: 122, 1950	
<u><i>Viburnum tomentosum</i> Thunb.</u>	Japanese snowball	Ind.	Weiss I: 122, 1950	
<u><i>Vitis</i> spp.</u>	American bunch grapes		U. S. D. A. Yearbook 1953: 760.	

B -- HERBACEOUS PLANTS -- Part 3. FIELD CROPS, VEGETABLES, SMALL FRUITS

Scientific Name	Common Name	Location	Reference	Remarks
<u>Abutilon avicinnae</u>	American jute	Namangan (Turkestan) Russian Central Asia	R. A. M. 13:369. 1934.	<u>V. dahliae</u>
<u>Apium graveolens</u> L.	celery	Cal.	P. D. R. 20(7):125-6. 1936.	
<u>Apium graveolens</u> L. var. <u>dulce</u> DC.	celery	Cal.	Weiss V: 1158. 1953	
<u>Archis hypogaea</u>	peanuts	Europe or Asia?	B. A. 14:5663. 1940	<u>V. dahliae</u>
<u>Armoracia rusticana</u> Gaertn. Mey & Scherb.	horse-radish	Mich., Wash.	Weiss II: 237. 1950	
	horse-radish	Bavaria	R. A. M. 16:361. 1937	<u>V. dahliae</u>
<u>Beta vulgaris</u>	sugar beet	Col.	P. D. R. Suppl. 149:350. 1944	
	sugar beet	Col.	P. D. R. 27(23):645. 1943	root rot
<u>Beta vulgaris</u> L.	beet	Holland (see ref.)	Rud. 289. 1931.	
<u>Brassica napobrassica</u> Mill.	rutabaga	Cal.	Weiss II: 242. 1950	
<u>Brassica oleracea</u> var. <u>napo-brassica</u>	rutabaga	Cal.	P. D. R. Suppl. 128:254. 1940	
<u>Brassica oleracea</u> var. <u>capitata</u> L.	cabbage	Cal.	P. D. R. 34(1):26-7. 1950	1st world report
<u>Brassica oleracea</u> var. <u>gemmifera</u> Zenk.	brussels sprouts	Cal.	P. D. R. 34(1):26-7. 1950	1st world report
<u>Cannabis sativa</u>	hemp	Namangan (Turkestan) Russian Central Asia	R. A. M. 13:369. 1934	<u>V. dahliae</u>
<u>Citrullus vulgaris</u> Schrad.	watermelon	Cal.	P. D. R. 20(7):125-6. 1936.	1st lit. report.

B -- HERBACEOUS PLANTS - Part 3. (Continued)

Scientific Name	Common Name	Location	Reference	Remarks
<u>(<i>Citrullus vulgaris</i> Schrad. var. <i>citroides</i>)</u>	citron, preserving melon		U.S. D. A. Yearbook 1953: 485	
<u><i>Corchorus capsularis</i></u>	jute	Namangan (Turkestan) Russian Central Asia	R. A. M. 13: 369. 1934	<u>V. dahiae</u>
<u><i>Cucumis melo</i> L.</u>	muskmelon, Persian melon	Cal.	P. D. R. 20(7):125-6. 1936	
<u><i>Cucumis melo</i></u>	cantaloupe		P. D. R. Suppl. 103:187. 1937	
<u><i>Cucumis melo</i> L.</u>	muskmelon	Probably Holland See ref.	Rud. 293. 1931	
<u><i>Cucumis melo</i> L. var. <i>inodorus</i> Naud.</u>	honeydew melon	Cal.	P. D. R. 22(22):447. 1938	
<u><i>Cucumis melo</i> L. var. <i>reticulatus</i> Naud.</u>	cantaloupe of trade	Cal., Ore.	Weiss II: 263. 1950	
<u><i>Cucumis sativus</i> L.</u>	cucumber	Me., Ohio, Ore., Wash., Wis.	Weiss II: 265. 1950	
<u><i>Cucumis sativus</i> L.</u>	cucumber	Probably Holland see ref.	Rud. 289. 1931	
<u><i>Cucurbita maxima</i> Dcne.</u>	winter squash	Ore.	Weiss II:267. 1950	
<u><i>Cucurbita pepo</i> L.</u>	pumpkin		U.S. D. A. Yearbook 1953: 485.	
<u><i>Cynara scolymus</i> L.</u>	artichoke	France ? see ref.	Rud. 289. 1931	<u>V. dahiae</u>
<u><i>Fragaria chiloensis</i> Duchesne</u> var. <u><i>anannassa</i> Bailey</u>	strawberry	Cal., N. Y. Ore.	Weiss V: 936. 1953	

Scientific Name	Common Name	Location	Reference	Remarks
(<i>Fragaria</i> _____)	strawberry	Ore.	P. D. R. 20(16):261. 1936	1st Ore. report
(<i>Glycine</i> _____)	soy beans	Namangan (Turkestan) Russian Central. Asia	R. A. M. 13:369. 1934	V. <u>dahiae</u>
<i>Gossypium barbadense</i> L.	Sea-Island cotton (cultivated cotton)	widespread	Weiss: IV: 7280. 1952	
<i>Gossypium herbaceum</i>	cotton	Germany	R. A. M. 12: 117. 1933	
<i>Gossypium herbaceum</i> L.	Levant cotton (cultivated cotton)	widespread	Weiss IV: 728. 1952	
<i>Gossypium hirsutum</i> L.	upland cotton (cultivated cotton)	widespread	Weiss IV: 728. 1952	
<i>okra</i>	cotton	Uganda	R. A. M. 18:575. 1939	V. <u>dahiae</u>
<i>Hibiscus esculentus</i>	okra	Namangan (Turkestan) Russian Central. Asia	R. A. M. 13:369. 1934	V. <u>dahiae</u>
<i>Hibiscus esculentus</i> L.	common hop	N. Mex.	P. D. R. 35(3): 169. 1951	
<i>Humulus lupulus</i> L.	sweet potato	Me., Ore., Ohio, Wis.	Weiss IV: 750. 1952	
(<i>Ipomoea</i> _____)	flax	Cal.	Weiss II: 223. 1950	
<i>Lycopersicon esculentum</i> Mill.	tomato	Belgium	R. A. M. 24:491. 1945	V. <u>dahiae</u>
<i>Lycopersicon esculentum</i> var. <u>cerasiforme</u> (Dun.) A. Gray	tomato	Cal.	P. D. R. 34(1):26. 1950	
	cherry tomato	Utah	P. D. R. 15(7):65. 1931	
		Throughout U. S.	Weiss V: 1104. 1953	

B -- HERBACEOUS PLANTS - Part 3. (Continued)

Scientific Name	Common Name	Location	Reference	Remarks
<u><i>Lycopersicon esculentum</i> f. pyriforme</u> (Dun.) C. H. Mull.	pear tomato	Throughout U.S.	Weiss V:1104. 1953	
<u><i>Manihot utilissima</i></u> Pohl (<i>Manihot</i> _____)	tapioca plant	Brazil	Rud. 310. 1931	<u>V. a-a?</u> see ref.
<u><i>Medicago hispida</i></u> (<i>Medicago sativa</i> L.)	cassava	Uganda	R. A. M. 18:575. 1939	<u>V.</u> <u>dah.</u>
	bur clover	Cal.	R. A. M. 10:757. 1931	
	lucerne (alfalfa)	Denmark, Islands of Funen, Møen	R. A. M. 24:451-452. 1945	
	alfalfa	Germany	B. A. 24:25186. 1950	
<u><i>Mentha piperita</i></u>	peppermint	Mich.	P. D. R. 19(20):313-314. 1935	<u>V.</u> <u>dahlie</u>
	peppermint	Ind., Mich.	P. D. R. 34(12):392. 1950	<u>V. a-a</u> var. <u>menthae</u> Nelson
<u><i>Mentha piperita</i> L.</u>	peppermint	Ind., Mich., Ore.	Weiss. P. D. R. Index IV. 565. 1952	
<u><i>Mentha spicata</i> L.</u>	spearmint	Ind., Mich.	Weiss. P. D. R. Index IV; 565. 1952	
<u><i>Nicotiana tabacum</i> L.</u>	tobacco	Tenn.	Weiss V: 1112. 1953	
	tobacco	Ky.	P. D. R. 18(12):153. 1934	
	sainfoin	Germany	R. A. M. 17: 754. 1938	<u>V. a-a</u>
	sainfoin	England	B. A. 20:18615. 1946	<u>V.</u> <u>dahlie</u>
	kidney bean	Brazil, see ref.	Rud. 293. 1931	
<u><i>Onobrychis sativa</i></u> (<i>Onobrychis</i> _____)	icicle radish	Cal.	P. D. R. 34(1):26-7. 1950	1st world report
<u><i>Phaseolus vulgaris</i> L.</u>	rhubarb	Cal., Ireland	P. D. R. 39:693. 1955	
<u><i>Raphanus sativus</i> L.</u>				
<u><i>Rheum rhabonticum</i> Linn</u>				

Scientific Name	Common Name	Location	Reference	Remarks
<i>Ricinus communis</i>	castor bean	Europe or Asia?	B. A. 14:5663. 1940	<u>V. dahliae</u>
<i>Sesamum indicum</i>	sesame	Namangan (Turkestan) Russian Central Asia	R. A. M. 13:369. 1934	<u>V. dahliae</u>
<i>Sesamum indicum</i>	sesamum	Europe or Asia?	B. A. 14:5663. 1940	<u>V. dahliae</u>
<i>Sesamum orientale</i>	simsim	Uganda	R. A. M. 18:575. 1939	<u>V. dahliae</u>
<i>Solanum integrifolium</i> Poir	scarlet or tomato egg plant	N. Y.	Weiss V: 1118. 1953	
<i>Solanum melongena</i>	egg plant	N. Y.	B. A. 5:16542. 1931	<u>V. dahliae</u>
<i>Solanum tuberosum</i>	potato	Mass	P. D. R. 12(10): 119. 1928	
<i>Solanum tuberosum</i> L.	potato	Maine	P. D. R. 37(9):456. 1953	
<i>(Spinacia) —</i>	spinach	General in U. S.	Weiss V: 1127. 1953	
<i>Tetragonia expansa</i> Thunb.	New Zealand spinach	Cal.	R. A. M. 31:224. 1952	<u>V. dahliae</u> (On seeds) 1st report
<i>Tephrosia</i>		Uganda	P. D. R. 39:693. 1955	
(<i>Trifolium</i> —)	clover	Germany	R. A. M. 18:575. 1939	<u>V. dah.</u>
<i>Vigna sesquipedalis</i> W. F. Wright	Chinese yard-long bean	Cal.	P. D. R. 39:693. 1955	<u>V. dah.</u> 1st report
<i>Vigna sinensis</i> Endl.	cow pea	Cal.	P. D. R. 20(7):125-6. 1936	

B - HERBACEOUS PLANTS -- Part 4. ORNAMENTALS, "FLOWERS", WEEDS

Scientific Name	Common Name	Location	Reference	Remarks
<u>Abutilon</u> sp.	flowering maple	New Jersey	P. D. R. 24(12):243. 1940	
<u>Abutilon</u>			Phytopath 6: 393. 1914	weed
<u>Aconitum napellus</u>		Holland	R. A. M. 4: 496. 1925	
<u>Amaranthus retroflexus</u>	rough pigweed	Cal.	R. A. M. 10: 757. 1931	
<u>Amaranthus</u> sp.	pigweed	Ore.	R. A. M. 16: 192. 1937	
<u>Antirrhinum majus</u>		Holland	R. A. M. 4: 495. 1925	
<u>Antirrhinum majus</u> L.	snapdragon	Cal., Conn., Me., Mass., Minn., N. J., Pa., N. Y.	Weiss V: 1082. 1953	
<u>Aralia cordata</u> Thunb.	udo	Md.	Weiss I: 59. 1950	herb
<u>Aralia cordata</u> Thunb.	udo		P. D. R. Suppl. 34: 243. 1924	perennial not woody
<u>Aralia racemosa</u> L.	American spikenard	N. Y.	Weiss I: 59. 1950	
<u>Aralia racemosa</u> L.	American spikenard	N. Y.	Rud. 319. 1931	
<u>Aster</u> sp.	aster	Other than U. S.	Rud. 319. 1931	
<u>Aster</u> spp. (See ref.)	aster	Conn.	Weiss I: 161. 1950	
<u>Atropa belladonna</u>	belladonna	Cal.	P. D. R. Suppl. 149: 381. 1944	herb
<u>Begonia</u> spp.	begonia	Conn., N. Y.	Weiss I: 68. 1950	
<u>Calceolaria</u> spp.	slipperwort	N. Y., Wash.	Weiss V: 1084. 1953	
<u>Callirhoe papaver</u> (Cav.)	poppy-mallow	N. Y.	Weiss IV: 724. 1952	herb
<u>A.</u> Gray	aster	Cal.	P. D. R. 24(20):424-5. 1940	1st U. S. report common in Europe
<u>Callistephus chinensis</u>				
<u>Nees.</u>				

Scientific Name	Common Name	Location	Reference	Remarks
<u>Campanula isophylla</u>	bell flower	England	R. A. M. 30: 4*6 _a 1951	herb
<u>Capsicum</u>		Uganda	R. A. M. 18: 575 _a 1939	V. <u>dah.</u>
<u>Capsicum</u> sp.	pepper	Europe ? see ref. _*	Rud. 294 _a 1931	
<u>Carthamus tinctorius</u>	saffron (safflower)	Europe or Asia ?	B. A. 14:5663. 1940	V. <u>dahliae</u> herb.
<u>Celosia argentea</u> var. <u>cristata</u>		Cal.	P. D. R. 30(6):210. 1946	annual
<u>Centaurea cyanus</u> L.	cornflower, bachelor's-button	N. Y.	Weiss I: 168. 1950	herb
<u>Centaurea cyanus</u>			P. D. R. 30(6):210 _a 1946	annual
<u>Centaurea imperialis</u>		Cal.	P. D. R. 30(6):210 _a 1946	"apparently new host"
<u>Chenopodium album</u>		Holland	R. A. M. 4: 495 _a 1925	V. <u>a-a</u> or V. <u>dah.</u>
<u>Chenopodium album</u>	fat hen	New Zealand Prob. Holland See ref. _*	R. A. M. 30: 20. 1951 Rud. 330 _a 1931	V. <u>dah.</u>
<u>Chenopodium album</u> L.				
<u>Chenopodium</u>	goosefoot	Germany	R. A. M. 15:237 _a 1936	
<u>Chrysanthemum frutescens</u> L.	marguerite	N. J.	Weiss I: 170. 1950	
<u>Chrysanthemum frutescens</u>		N. J.	P. D. R. Suppl. 96:266 _a 1936	V. <u>dahliae</u>
<u>Chrysanthemum hortorum</u>		N. J., Wash.	P. D. R. Suppl. 96:267 _a 1936	V. <u>dahliae</u>
<u>Chrysanthemum indicum</u> Cass	Italian chrysanthemum N. J.	Holland	Rud. 322 _a 1931	
<u>Chrysanthemum indicum</u>			R. A. M. 4:495. 1925	V. <u>a-a</u> or V. <u>dah.</u>

B -- HERBACEOUS PLANTS - Part 4. (Continued)

Scientific Name	Common Name	Location	Reference	Remarks
<u>Chrysanthemum leucanthemum</u> L. ox-eye daisy	'N. J.	Rud.	322.	1931
<u>Chrysanthemum leucanthemum</u>	Holland	R. A. M. 4: 495.	1925	<u>V. a.-a</u> or <u>V. dah.</u>
<u>Chrysanthemum maximum</u> var. <u>Shasta Daisy</u>	Cal.	P. D. R. 30(6):210.	1946	"apparently new host"
<u>Chrysanthemum morifolium</u>	Germany	R. A. M. 12:117.	1933	<u>V. a.-a</u>
<u>Chrysanthemum morifolium</u> (Ramat.) Hemsl. (see ref.)	chrysanthemum	Ill., Ind., Md., Mass., Mich., N. J., N. Y., Ohio, Pa., Wash.	Weiss I: 169.	1950
<u>Cichorium intybus</u>	French endive	Europe-possibly Holland	B. A. 13: 4961.	1939 <u>V. dahiae</u>
(<u>Cichorium</u> _____)	chicory	Belgium	R. A. M. 31:101.	1952 <u>V. dahiae</u>
<u>Clarkia elegans</u> Dougl.	Clarkia	Cal.	Weiss IV: 781.	1952
<u>Coreopsis lanceolata</u> L.	tickseed	N. Y.	Weiss I: 175.	1950
<u>Crotalaria juncea</u>	sann hemp	Uganda	R. A. M. 18: 575.	1939 <u>V. dahiae</u>
<u>Crotalaria juncea</u>	sann hemp		R. A. M. 29:210.	1950 <u>V. dahiae</u>
<u>Crotalaria striata</u>		Uganda	R. A. M. 18: 575.	1939 <u>V. dahiae</u>
<u>Dahlia variabilis</u>		Holland	R. A. M. 4:495.	1925 <u>V. a.-a</u> or <u>V. dah.</u>
<u>Dahlia variabilis</u> (Willd.) Desf. (see ref.)	dahlia	Ill., Mich., Mo., N. J., Ohio, Tex.	Weiss I: 178.	1950
<u>Daphne mezereum</u>		Holland	R. A. M. 4: 495.	1925 <u>V. a.-a</u> or <u>V. dah.</u>
<u>Daphne mezereum</u> L.	Daphne	Prob. Holland see ref.	Rud.	325.
				1931 <u>V. dah.</u>

Scientific Name	Common Name	Location	Reference	Remarks
<u>Delphinium ajacis</u> L.	rocket larkspur	N. Y.	Weiss V: 908. 1953	
<u>Delphinium cultorum</u> Voss or <u>D. hybridum</u> Hort.	larkspur	Wash.	Weiss V: 908. 1953	
<u>Dianthus caryophyllus</u>	carnation	N. J.	P. D. R. Suppl. 90:110. 1935	<u>V. dahiae</u>
<u>Dianthus caryophyllus</u> L.	carnation	N. J.	Weiss I: 128. 1950	<u>V. dahiae</u>
<u>Digitalis purpurea</u> L.	fox-glove	N. Y.	Weiss V: 1085. 53	
<u>Dimorphotheca aurantiaca</u> DC	Cape marigold	Iowa	Weiss I: 178. 1950	
<u>Erigeron canadensis</u>	Holland	R. A. M. 4: 496. 1925	<u>V. a-a</u> or <u>V. dah.</u>	
<u>Erigeron canadensis</u> L.	Probably Holland Holland see ref.	Rud. 330. 1931	<u>V. dah.</u>	
<u>Erigeron</u> spp. (see ref.)	fleabane	Mass.	Weiss I: 182. 1950	
<u>Eschscholtzia californica</u>	Holland	R. A. M. 4: 495. 1925	<u>V. dah.</u> <u>V. a-a</u>	
<u>Eschscholtzia californica</u>	Cal.	R. A. M. 15:150. 1936		
<u>Euphorbia mili</u> Desmoul.	California poppy	N. J.	Weiss II: 332. 1950	
(<u>Geranium</u> _____)	crown of thorns	Ore.	P. D. R. 36(2):51	
<u>Gerbera jamesoni</u> Bolus	geranium	Cal.	P. D. R. 34(1):26. 1950	1st world report
<u>Gnaphalium margaritaceum</u>	Transvaal daisy		Rud. 330. 1931	<u>V. dah.</u>
(<u>Helianthus</u> _____)	sunflower	Siberia	R. A. M. 22:111. 1943	<u>V. dah.</u> (loc. cit.)
<u>Helichrysum bracteatum</u>	strawflower	Cal.	P. D. R. 30(6):210. 1946	
<u>Heliotropium arborescens</u> L.	common heliotrope	Md.	Weiss I: 96. 1950	

B -- HERBACEOUS PLANTS - Part 4. (Continued)

Scientific Name	Common Name	Location	Reference	Remarks
<u><i>Heliotropium peruvianum</i></u>	common heliotrope	Wash. D. C.	P. D. R. Suppl. 73:385. 1929	
<u><i>Impatiens balsamina</i></u> L.	garden balsam	N. Y.	Weiss I: 66. 1950	
<u><i>Lathyrus odoratus</i></u> L.	sweet pea	Europe--see ref.	Rud. 333. 1931	
<u><i>Lathyrus odoratus</i></u> L.	sweet pea	N. J., N. Y.	Weiss--P. D. R. Index IV: 614 1952.	
<u><i>Liatris pycnostachya</i></u> Michx.	gay-feather	N. J.	Weiss I: 198. 1950	
<u><i>Liatris scariosa</i></u> Willd.	gay-feather	N. J.	Weiss I: 198. 1950	
<u><i>Liatris</i></u> sp.	gay-feather	N. J.	P. D. R. Suppl. 90:113. 1935	
<u><i>Lupinus polyphyllus</i></u>		Holland	R. A. M. 4:495. 1925	
<u><i>Lychnis chalcedonica</i></u> L.	Maltese cross	Prob. Holland see ref.	Rud. 329. 1931	
<u><i>Malva</i></u> sp.	mallow	Cal.	R. A. M. 10:757. 1931	
<u><i>Mathiola incana</i></u> R. Br.	garden stock	Prob. Holland see ref.	P. D. R. 34(1):26-7. 1950	
<u><i>Monarda didyma</i></u> L.	Oswego tea	Rud. 330. 1931		V. dah.
<u><i>Monarda fistulosa</i></u> L.	wild bergamot	Mich.	R. A. M. 31:576. 1952	V. a--a var. <u>menthae</u> n. var.
<u><i>Paeonia lactiflora</i></u> Pall.	peony	III., Kan., Md., N. Y., Ohio	Weiss V: 913. 1953	(includes <u>V. dahliae</u>)
<u><i>Paeonia officinalis</i></u> L.	peony	III., Kan., Md., N. Y., Ohio	Weiss V: 913. 1953	(includes <u>V. dahliae</u>)
<u><i>Panax quinquefolium</i></u> L.	American ginseng	Ind., Ky., Mich., N. J., N. Y. Ohio, Pa., Tenn., Wis.	Weiss I: 62. 1950	
<u><i>Papaver bracteatum</i></u>		Germany	R. A. M. 12:117. 1933	

B -- HERBACEOUS PLANTS - Part 4. (Continued)

Scientific Name	Common Name	Location	Reference	Remarks
<u>Papaver orientale</u> L.	oriental poppy	N. Y.	Weiss IV: 802. 1952	
<u>Papaver orientale</u>	oriental poppy	England	R. A. M. 32:626. 1953	
<u>Papaver</u> spp.	poppy	N. Y.	Weiss IV: 802. 1952	
<u>Pelargonium domesticum</u> Bailey	Lady Washington type	Cal.	P. D. R. 24(20):424-425. 1940	1st lit. rept.
<u>Pelargonium hortorum</u>		Cal.	P. D. R. 24:424-5. 1940	1st lit. rept.
<u>Pelargonium hortorum</u> (\times <u>P. zonale</u> Willd.)	fish geranium	Cal.	Weiss II:378. 1950	
<u>Petunia hybrida</u>		Cal.	P. D. R. 30(6):210. 1946	1st report.
<u>Phlox carolina</u> L.	thick-leaf phlox	Minn.	Weiss V: 870. 1953	
<u>Phlox decussata</u>		Holland	R. A. M. 4:496. 1925	
<u>Phlox decussata</u>		Hungary	R. A. M. 15:444. 1936	
<u>Phlox drummondii</u> Hook	phlox	N. Y.	Weiss V: 870. 1953	
<u>Phlox paniculata</u> L. (incl. hort. forms and hybrids termed <u>P. decussata</u> Hort.)	summer perennial phlox	N. Y.	Weiss V: 870. 1953	
<u>Phlox</u> spp.	phlox	Minn.	P. D. R. Suppl. 28:370. 1940	
<u>Physalis alkekengi</u> L.	Chinese lantern- plant, winter cherry	N. Y.	Weiss V: 1116. 1953	
<u>Physalis franchetii</u>	Lantern groundcherry		P. D. R. Suppl. 119. 284. 1939	1st report
<u>Polemonium</u> spp.	Polemonium	N. Y.	Weiss V: 870. 1953	

B -- HERBACEOUS PLANTS - Part 4. (Continued)

Scientific Name	Common Name	Location	Reference	Remarks
<u><i>Pyrola asarifolia</i></u> Michx.	pink pyrola or wintergreen	Mass., N.J., N.Y.	Weiss V: 900. 1953	
<u><i>Pyrola elliptica</i></u> Nutt.	shinleaf, wild lily-of-the-valley	Mass.	Weiss V: 900. 1953	
<u><i>Reseda odorata</i></u> L.	mignonette	N.Y.	Weiss V: 917. 1953	
<u><i>Rudbeckia hirta</i></u> L.	black-eyed susan	N.Y.	Weiss I: 203. 1950	
<u><i>Salpiglossis sinuata</i></u> Ruiz & Pav.	painted-tongue	N.Y.	Weiss V: 1117. 1953	
<u><i>Salvia farinacea</i></u>		Cal.	P.D.R. 30(6):210. 1946	
<u><i>Schizanthus pinnatus</i></u>		Cal.	P.D.R. 30(6):210. 1946	
<u><i>Senecio cruentus</i></u> (Mass.) DC. (including hybrids derived mainly from this)	florists' cineraria	N.J., N.Y., Wash.	Weiss I: 205. 1950	
<u><i>Senecio vulgaris</i></u>	groundsel	Ore.	R.A.M. 16:192. 1937	
<u><i>Senecio vulgaris</i></u>		Holland	R.A.M. 4:495. 1925	
<u><i>Senecio</i></u> spp.	groundsel, ragwort	Wash.	Weiss I: 207. 1950	
<u><i>Sida spinosa</i></u> L. (a weed)	prickly mallow	South Africa	R.A.M. 27:473. 1948	V. <u>dah.</u>
<u><i>Sisymbrium irio</i></u> (L.) Britton	blue-eyed-grass, satin flower	N. Mex.	P.D.R. 35(3):169. 1951	1st report
<u><i>Solanum carolinense</i></u> L.	Carolina horsetail	Maryland, N.Y.	Weiss V: 1120. 1953	

B -- HERBACEOUS PLANTS - Part 4. (Concluded)

Scientific Name	Common Name	Location	Reference	Remarks
<u><i>Solanum elaeagnifolium</i></u> Cav. <u><i>Solanum floridanum</i></u> Shuttlew.	silverleaf nightshade, white horse nettle wild Florida eggplant	N. Y. Rud. 334. 1931	Weiss V: 1120. 1953 Rud. 327. 1931	<u>Vert.</u> ? see ref. <u>Vert.</u> ? see ref.
<u><i>Solanum marginatum</i></u> L.		Holland	R. A. M. 4: 496. 1925	<u>V. a-a</u> or <u>V. dah.</u>
<u><i>Solanum nigrum</i></u>	nightshade weed	Cal.	P. D. R. 34(1):26-7. 1950	1st U.S. report
<u><i>Solanum nigrum</i></u> L.	black nightshade	New Zealand	R. A. M. 30:20. 1951	
<u><i>Solanum nigrum</i></u>	black nettle	Cal.	Weiss V: 1120. 1953	
<u><i>Solanum nigrum</i></u> L. (incl. var. <u><i>villosum</i></u> Mill.)	beaked nettle, buffalo bur	N. Y.	Rud. 327. 1931 Weiss V: 1120. 1953	<u>Vert.</u> ? see ref.
<u><i>Solanum rostratum</i></u> Dunal	berenjena cimarrona	General in U.S.	Weiss V: 1122. 1953	
<u><i>Solanum torvum</i></u> Sw.	dandelion	Cal.	R. A. M. 10: 757. 1931	
<u><i>Taraxacum officinale</i></u>		Uganda	R. A. M. 18: 575. 1939	<u>V.</u> <u>dahiae</u>
<u><i>Tephrosia</i></u>		N. Y.	Weiss I: 214. 1950	
<u><i>Trapopogon porrifolius</i></u> L.	salsify	Holland	R. A. M. 4:495. 1925	<u>V. a-a</u> or <u>V. dah.</u>
<u><i>Urtica urens</i></u>	stinging nettle	Germany	R. A. M. 15:237. 1936	
<u><i>Urtica</i></u>		N. J.	P. D. R. Suppl. 96:288. 1936	
<u><i>Venidium</i></u> sp.		N. Mex.	P. D. R. 35(3):69. 1951	<u>V.</u> <u>dahiae</u>
<u><i>Xanthium</i></u> <u>commune</u> Britton			Phytopath. 6:393. 1914	
<u><i>Xanthium</i></u>				

